

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
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EAST Search History

L1	184	("4592042" "5288942" "6184788" "20010052543" "1756547" "3677843" "3838252" "3864755" "4058839" "4076125" "4100689" "4104682" "4141400" "4197988" "4209811" "4277809" "4302523" "4318136" "4403138" "4450955" "4503125" "4518627" "4530016" "4535369" "4581523" "4585929" "4592042" "4598196" "4609812" "4612436" "4620727" "4659915" "4672182" "4683371" "4687712" "4701601" "4707593" "4718697" "4731645" "4754128" "4756967" "4774618" "4777540" "4780604" "4786564" "4791283" "4812633" "4826772" "4833310" "4851610" "4868373" "4877488" "4889755" "4897533" "4931623" "4937438" "4978401" "4998009" "5036430" "5049728" "5099111" "5107099" "5172282" "5206494" "5227212" "5236791" "5309388" "5311003" "5321243" "5336871" "5362952" "5396369" "5396545" "5397886" "5408384" "5410136" "5421618" "5426286" "5431746" "5452143" "5466918" "5480685" "5492745" "5509083" "5521774" "5530232" "5535078" "5557089" "5559885" "5588763" "5598474" "5609253" "5612526" "5626970" "5637174" "5679942" "5679945" "5696369" "5698839" "5713406" "5714747" "5720500" "5723033" "5734154" "5738945" "5748737" "5756220" "5763862" "5770942" "5777306" "5789733" "5801368" "5825393" "5828053" "5834756" "5843565" "5844218" "5844230" "5851688" "5852289" "5857079" "5859419" "5861220" "5862174" "5866891" "5869823" "5880445" "5883377" "5884271" "5886333" "5889273" "5895903" "5895909" "5898612" "5901012" "5901303" "5828759" "5393202" "5941375" "5979774" "5997042" "6079621" "6080476" "6116655" "6131816" "6186398" "6196047" "6221508" "6238809" "6254713" "6268919" "6301068" "6311893" "6378037" "6398114" d264853 d293694 d305887 d328457 d408377 d410769 d425876 d429733-d436991	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/09 14:20
11/9/06	2:54:16 PM	C:\Documents and Settings\jwalsh1\My Documents\EAST\Workspaces\East Searches\09693271.wsp			Page 2	

EAST Search History

S1	1011	"high density" and "high coercivity"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/07 17:16
S2	4	"high density" same "high coercivity" same magnetic\$4 same strip\$1	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/07 17:24
S3	1	"5009925".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/07 17:26
S4	153	card same coerciv\$4 same (stray or "magnetic field")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/07 17:26
S5	42	card same coerciv\$4 same (stray or "magnetic field") same strip\$1	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/07 17:26
S6	20	(US-20060175398-\$ or US-20060098321-\$ or US-20040026518-\$ or US-20030077382-\$ or US-20010011684-\$).did. or (US-3790407-\$ or US-6857569-\$ or US-6969006-\$ or US-7036739-\$ or US-6574058-\$ or US-6398115-\$ or US-6310471-\$ or US-6251474-\$ or US-6221296-\$ or US-6141161-\$ or US-6089451-\$ or US-5422468-\$ or US-4745267-\$ or US-3986205-\$).did. or (JP-11328661-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2006/11/07 18:07
S7	14	S6 and density(JP-11328661-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2006/11/07 18:07
S8	13	S6 and density	US-PGPUB; USPAT; JPO	OR	ON	2006/11/07 18:20
S9	10	S6 and protect\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/07 18:36
S10	0	card same magnet\$6 same areal with density with (gb or gigabit)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/07 18:36
S11	6	card same magnet\$6 same areal with density	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/07 18:37
S12	1765	magnet\$6 same areal adj density	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/07 18:38

EAST Search History

S13	313	magnet\$6 same areal adj density and (card or strip\$1)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/07 18:38
S14	37	magnet\$6 same areal adj density same (card or strip\$1)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 10:10
S15	1	"20010052543".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 10:11
S16	1	"20010052543".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 10:12
S17	29	card with arcuat\$4 with track	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 10:15
S18	32	magnet\$6 same card with arc\$4 with track	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 10:16
S19	37	magnet\$6 same card with arc\$6 with track	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 10:31
S20	7	magnet\$6 same card with arc\$6 with track same strip\$1	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 10:32
S21	9	ultracard.as. and arcuate	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 11:22
S22	233	card with magnet\$6 with strip\$1 with parallel	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 11:23
S23	1	"6471127".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 12:20
S24	102	pentz.in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 12:20
S25	21	pentz.in. and card	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 12:21
S26	42	card with strip\$1 with side with (smal\$4 or short\$4) with magnet\$6	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 12:32

EAST Search History

S27	195	(["1756547" "20030024995" "20030043485" "20030218064" "3677843" "3838252" "3864755" "4006507" "4058839" "4076125" "4100689" "4104682" "4141400" "4197988" "4209811" "4277809" "4302523" "4318136" "4403138" "4450955" "4503125" "4518627" "4530016" "4535369" "4581523" "4585929" "4592042" "4598196" "4609812" "4612436" "4620727" "4659915" "4672182" "4683371" "4687712" "4701601" "4707593" "4718697" "4731645" "4754128" "4756967" "4774618" "4777540" "4780604" "4786564" "4791283" "4812633" "4826772" "4833310" "4851610" "4868373" "4877488" "4889755" "4897533" "4931623" "4937438" "4978401" "4985795" "4998009" "5036430" "5041922" "5049728" "5051288" "5055155" "5099111" "5101097" "5107099" "5147732" "5172282" "5180640" "5191198" "5204513" "5206489" "5206494" "5217056" "5221838" "5227212" "5236791" "5254843" "5270523" "5286958" "5288942" "5309388" "5311003" "5321243" "5336871" "5356717" "5362952" "5396369" "5396545" "5397886" "5408384" "5410136" "5421618" "5426286" "5431746" "5452143" "5466918" "5480685" "5492745" "5509083" "5521774" "5530232" "5535078" "5557089" "5559885" "5588763" "5598474" "5609253" "5612526" "5621583" "5626970" "5637174" "5638345" "5670047" "5670048")	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/08 12:24
11/9/06 C:\Documents and Settings\lwalsh1\My Documents\EAST\Workspaces\East Searches\09693271.wsp	2:54:16 PM	"5621583" "5626970" "5637174" "5638345" "5670047" "5670048"			Page 5	

EAST Search History

S28	12	card with strip\$1 with side with (smal\$4 or short\$4) with magnet\$6 with (parallel or perpendicular\$3 or orthogonal\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 12:33
S29	12	card with strip\$1 with (parallel or perpendicular\$4 or orthogonal\$4) with (face or end or side or edge) with (longer or shorter or bigger or smaller)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 14:18
S30	6397	"magnetically permeable"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 14:18
S31	42	"magnetically permeable" with protective	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 14:18
S32	4	"magnetically permeable" with protective same card	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 14:29
S33	24	card with magnet\$6 with strip\$1 with "thin film"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 14:32
S34	162	card with magnet\$6 with strip\$1 with film	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 14:32
S35	162	card with magnet\$6 with strip\$1 with film	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 14:35
S36	24	card with magnet\$6 with strip\$1 with "thin film"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 14:36
S37	5	card with magnet\$6 with strip\$1 with sputter	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 14:36
S38	5	card with magnet\$6 with strip\$1 with sputter\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 14:37
S39	1	"5107099".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 14:38
S40	35	"thin film" with card with strip\$1	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 14:41
S41	1	"6482330".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 15:02

EAST Search History

S42	1	"5041922".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 15:02
S43	27	(US-20060175398-\$ or US-20060098321-\$ or US-20040026518-\$ or US-20030077382-\$ or US-20010011684-\$ or US-20050117263-\$ or US-20050194453-\$).did. or (US-3790407-\$ or US-6857569-\$ or US-6969006-\$ or US-7036739-\$ or US-6574058-\$ or US-6398115-\$ or US-6310471-\$ or US-6251474-\$ or US-6221296-\$ or US-6141161-\$ or US-6089451-\$ or US-5422468-\$ or US-4745267-\$ or US-3986205-\$ or US-4544184-\$ or US-4314289-\$ or US-5777305-\$ or US-4881217-\$ or US-6482330-\$).did. or (JP-11328661-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2006/11/08 15:27
S44	15	S43 and protect\$4	US-PGPUB; USPAT; JPO	OR	ON	2006/11/08 15:44
S45	219	card with protect\$4 near3 (layer or coating) with sides	US-PGPUB; USPAT; JPO	OR	ON	2006/11/08 16:29
S46	1	re38290.pn.	US-PGPUB; USPAT; JPO	OR	ON	2006/11/08 16:35
S47	1	"5942744".pn.	US-PGPUB; USPAT; JPO	OR	ON	2006/11/08 16:40
S48	3	("5689105" "4812632" "5107099").pn.	US-PGPUB; USPAT; JPO	OR	ON	2006/11/08 16:41
S49	36208	magnet\$6 with (disk or disc) with card	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 18:01
S50	180	magnet\$6 with (disk or disc) with card with rotat\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 18:07
S51	1	opheij.in. and card	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 18:19
S52	269	card with (disc or disk) with (spin\$4 or rotat\$4) with (read\$4 or process\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 18:20

EAST Search History

S53	109	card with (disc or disk) with (spin\$4 or rotat\$4) with (read\$4 or process\$4) same (magnet\$6 or transducer)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 18:24
S54	0	"areal density" with (gigabit or GB or "giga-bit") with card	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 18:25
S55	4	"density" with (gigabit or GB or "giga-bit") with card	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 18:25
S56	189	"density" with card same strip\$1	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 18:26
S57	116	"density" with card same strip\$1 same magnet\$6	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 18:27
S58	8	"density" with card same strip\$1 same magnet\$6 and (gigabit or "giga-bit" or gb)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 18:28
S59	39	"density" with card same magnet\$6 and (gigabit or "giga-bit" or gb)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 18:32
S60	0	"density" with card same magnet\$6 and (gigabit or "giga-bit" or gb) near3 ("5" or "10")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 18:32
S61	4	"density" with card same magnet\$6 and (gigabit or "giga-bit" or gb) near3 ("2" or "10")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 18:32
S62	9	"density" with card same magnet\$6 and (gigabit or "giga-bit" or gb) near5 ("2" or "10")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 18:33
S63	4	"density" with card with (gigabit or "giga-bit" or gb)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 18:34
S64	0	ultracard.as. and density and (gb or gigabit or "giga-bit")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 18:36
S65	43138	density same magnetic same (in or inch)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 18:36
S66	9967	density same magnetic same (in or inch) same (card or disk or disc)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 18:36

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S67	1004	density same magnetic same (in or inch) same (card or disk or disc) same areal	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 18:37
S68	3	density same magnetic same (in or inch) same (card) same areal	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 18:38
S69	0	density same magnetic same (in or inch) same (card) same areal and (gigabit or gb or "giga-bit")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 18:39
S70	15	density same magnetic same biphase	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 18:40
S71	0	density same magnet\$6 same biphase same (gigabit or "giga-bit" or gb)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 18:44
S72	139	spac\$4 with domain with magnet\$4 same density	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 18:45
S73	83	spac\$4 near4 domain with magnet\$4 same density	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 18:45
S74	441	card with magnet\$4 with density	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 18:46
S75	1	card with magnet\$4 with density with (gb or gigabit or "giga-bit" or mb or megabit)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 18:47
S76	661	"gb/in.sup.2"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 18:47
S77	12	"gb/in.sup.2" same card	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 18:59
S78	1	"5227212".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 19:00
S79	1172	transducer same inductive same read	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 19:00
S80	7	transducer same inductive same read same card	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 19:01
S81	459	"thin film" with inductive with read near2 head	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 19:02

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S82	459	"thin film" with inductive with (read near2 head)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 19:02
S83	0	"thin film" with inductive with (read near2 head) same card	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 19:02
S84	415	"thin film" with inductive with (read near2 head) same magnet\$6	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 19:02
S85	8	"thin film" with inductive with (read near2 head) same magnet\$6 same magnoresistive	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/11/08 19:02
S86	33	(US-20060175398-\$ or US-20060098321-\$ or US-20040026518-\$ or US-20030077382-\$ or US-20010011684-\$ or US-20050117263-\$ or US-20050194453-\$ or US-20010021078-\$).did. or (US-3790407-\$ or US-6857569-\$ or US-6969006-\$ or US-7036739-\$ or US-6574058-\$ or US-6398115-\$ or US-6310471-\$ or US-6251474-\$ or US-6221296-\$ or US-6141161-\$ or US-6089451-\$ or US-5422468-\$ or US-4745267-\$ or US-3986205-\$ or US-4544184-\$ or US-4314289-\$ or US-5777305-\$ or US-4881217-\$ or US-6482330-\$ or US-3732640-\$ or US-5689105-\$ or US-4040097-\$ or US-5721942-\$ or US-4394621-\$).did. or (JP-11328661-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2006/11/08 19:04
S87	14	S86 and oxide	US-PGPUB; USPAT; JPO	OR	ON	2006/11/08 19:23
S88	6	S86 and plated	US-PGPUB; USPAT; JPO	OR	ON	2006/11/08 19:34
S89	252	orientation with "magnetic field" same (card or disk or disc) same (perpendicular or parallel)	US-PGPUB; USPAT; JPO	OR	ON	2006/11/08 19:35
S90	113	(perpendicular or parallel) with orientation with "magnetic field" same (card or disk or disc)	US-PGPUB; USPAT; JPO	OR	ON	2006/11/08 19:41
S91	1	"4687712".pn.	US-PGPUB; USPAT; JPO	OR	ON	2006/11/08 19:37

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S92	15	(perpendicular same parallel) with orientation with "magnetic field" same (card or disk or disc)	US-PGPUB; USPAT; JPO	OR	ON	2006/11/08 19:43
S93	51	(parallel) with orientation with "magnetic field" same (card or disk or disc)	US-PGPUB; USPAT; JPO	OR	ON	2006/11/08 20:14
S94	6	"4518672"	US-PGPUB; USPAT; JPO	OR	ON	2006/11/08 20:15
S95	20	"4518627"	US-PGPUB; USPAT; JPO	OR	ON	2006/11/08 20:15
S96	1	"4518627" and foley.in.	US-PGPUB; USPAT; JPO	OR	ON	2006/11/08 20:16
S97	2	("6268909" "5227212").pn.	US-PGPUB; USPAT; JPO	OR	ON	2006/11/08 20:16
S98	6	meeks.in. and plating	US-PGPUB; USPAT; JPO	OR	ON	2006/11/08 20:17
S99	1	"6268919".pn.	US-PGPUB; USPAT; JPO	OR	ON	2006/11/08 20:23
S100	1	re38290.pn.	US-PGPUB; USPAT; JPO	OR	ON	2006/11/08 20:23